

Converting Colors

HunterLab(46.6584, 70.6119,
-50.0057)

Have a look what the booklet for
HunterLab(46.6584, 70.6119,
-50.0057) contains.

HunterLab(46.6573, 70.6161, -50.0088)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(46.6573, 70.6161,
-50.0088)**

Conversions

Conversions Part 1

Format	Color
Hex	D03FD5
RGB	208, 63, 213
RGB Percent	82%, 25%, 84%
CMY	0.1843, 0.7529, 0.1647
CMYK	0.02, 0.70, 0.00, 0.16
HSL	298°, 64%, 54%
HSV	298°, 70%, 84%
XYZ	39.8002, 21.7690, 65.0550
YIQ	123.4550, 38.2700, 77.3900

Conversions

Conversions Part 2

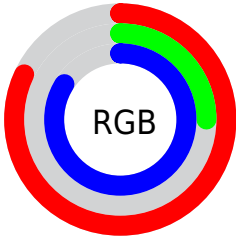
Format	Color
R _{YB}	208, 63, 213
Decimal	13647829
CIE _{Lab}	53.78, 73.29, -48.14
CIE _{LCh}	54, 87.682, 326.703
Yxy	21.7700, 0.3143, 0.1719
Android (android.graphics.Color)	4291837909 (0xFFD03FD5)
YUV	123.4550, 44.1457, 74.1460
Hunter-Lab	46.6573, 70.6161, -50.0088

Details

The HunterLab color $46.6573, 70.6161, -50.0088$ is a light color, and the websafe version is hex $CC33CC$. The color can be described as light muted magenta. A complement of this color would be $70.1262, -53.8012, 38.2928$, and the grayscale version is $44.5068, -2.3748, 2.4181$.

A 20% lighter version of the original color is $65.3038, 67.1406, -44.4800$, and $29.9210, 59.4908, -44.6201$ is the 20% darker color. If you saturate the color by 10%, you get $44.4374, 77.4538, -55.2537$, and if you desaturate by 10%, it is $49.7049, 61.7545, -43.3816$.

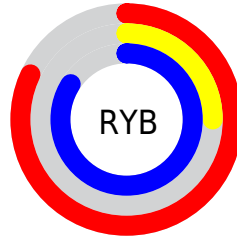
Distribution



Red (82%)

Green (25%)

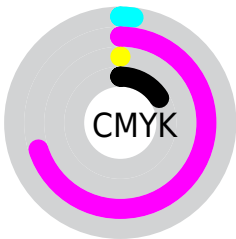
Blue (84%)



Red (82%)

Yellow (25%)

Blue (84%)

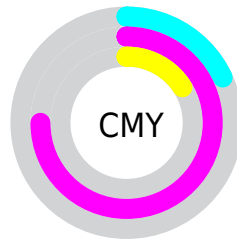


Cyan (2%)

Magenta (70%)

Yellow (0%)

Black (16%)



Cyan (18%)

Magenta (75%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.6573, 70.6161, -50.0088 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 46.6573, 70.6161, -50.0088 by changing the saturation by 10% instead.

46.6573, 70.6161,
-50.0088

46.6573, 70.6161,
-50.0088

161.6610, 88.5700,
-56.0224

36.9973, 68.2565,
-49.5088

68.0923, 75.2099,
-51.3753

28.1140, 65.9630,
-49.3321

79.7797, 77.3901,
-52.1131

20.0838, 63.9486,
-49.8424

92.0684, 79.4790,
-52.8441

13.0091, 62.7937,
-51.9697

104.9303, 81.4749,
-53.5526

6.4707, 72.2849,
-64.8443

118.3410, 83.3790,
-54.2291

0.0000, INF, -NF

0.0000, NaN, -NF

132.2789, 85.1941,

-54.8681

0.0000, NaN, NaN

146.7246, 86.9232,
-55.4664

■ 46.6573, 70.6161,
-50.0088

■ 46.6573, 70.6161,
-50.0088

■ 44.4374, 77.4538,
-55.2537

■ 49.7049, 61.7545,
-43.3816

■ 43.0397, 81.7946,
-58.7665

■ 53.5240, 51.5294,
-35.8493


■ 42.3224, 83.8293,
-60.6425


■ 58.0343, 40.5510,
-27.8429


■ 63.1461, 29.2816,
-19.6839

■ 68.7746, 18.0197,
-11.5755

 74.8448, 6.9320,
-3.6277

 81.2936, -3.9040,
4.1121

 88.0687, -14.4656,
11.6340

 95.1275, -24.7603,
18.9482

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.6584, 32.8688, -102.9056



46.6573, 70.6161, -50.0088



46.6584, 88.6860, -1.4092

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.6584, 70.6141, -50.0068



46.6584, 1.5570, 32.1996



46.6584, -49.6292, -37.8012

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



46.6573, 70.6161, -50.0088



70.1262, -53.8012, 38.2928

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46.6584, -53.4426, 6.1711



46.6573, 70.6161, -50.0088



46.6584, -29.7031, 31.3810

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



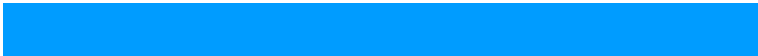
46.6584, 70.6141, -50.0068



46.6584, 41.9195, 30.8621



46.6584, -47.4014, 26.1575



46.6584, -34.7394, -92.8398

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



46.6573, 70.6161, -50.0088



46.6584, 84.0516, 17.7790



46.6584, -47.4014, 26.1575



46.6584, -52.0085, -20.6280

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



46.6584, 70.6141, -50.0068



83.7416, 23.1843, -14.9763



31.6167, 35.7264, -97.9432



37.8310, 12.5030, -8.2063

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.6584, 70.6141, -50.0068



53.4208, 98.2535, -70.3642



44.3681, 59.8547, -6.3410



35.5114, 2.7488, -1.3400



33.0917, 65.5383, -47.3576



8.1685, 16.1556, -11.5182

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



42.5669, 52.4093, 19.5284



47.8073, 74.7371, 27.6285



70.9502, -48.4896, 24.3256



35.2526, 1.2967, 2.8284



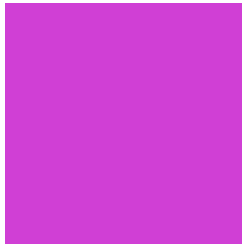
29.4169, 50.4198, 18.6797



7.2412, 12.4446, 4.3402

Previews

White Background



This preview shows how the HunterLab color 46.6573, 70.6161, -50.0088 looks on a white background.

Color Contrast Check

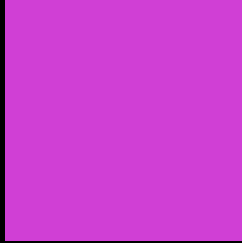
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 46.6573, 70.6161, -50.0088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

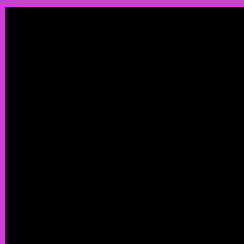
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 46.6573, 70.6161, -50.0088 Background



This preview shows how black text looks on a background with the HunterLab color 46.6573, 70.6161, -50.0088.



This preview shows how white text looks on a background with the HunterLab color 46.6573, 70.6161, -50.0088.

-50.0088.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

46.6573, 70.6161, -50.0088

Protanopia

47.3526, 16.7343, -88.9865

Deuteranopia

47.0491, 3.9740, -42.1387



Tritanopia

46.4396, 32.3852, 11.7740

Trichromacy



Original Color

46.6573, 70.6161, -50.0088

Protanomaly

43.2863, 32.2424, -85.6795

Deuteranomaly

44.1743, 27.0683, -51.5372

Tritanomaly

45.8031, 45.5578, -5.6546

Monochromacy



Original Color

46.6573, 70.6161, -50.0088

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

43.1018, 23.8850, -16.2881

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.6573, 70.6161, -50.0088 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(208, 63, 213)` looks like.

```
.text, #text, p{  
    color:rgb(208, 63, 213)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(208, 63, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 63, 213) }
```

Border

The CSS property to change the border of an element to HunterLab 46.6573, 70.6161, -50.0088 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 63, 213) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(208, 63, 213) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(208, 63, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 63, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 63, 213);  
box-shadow:4px 4px 4px 4px rgb(208, 63,  
213) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.6573, 70.6161, -50.0088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 63, 213) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(208, 63,  
213) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor